Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 25 Jul 2022 until 23:59 on Tuesday 26 Jul 2022

Forecast Issued on Monday 25 Jul 2022 at 03:07

Confidence: High for the unsettled conditions Monday and for transition to more settled conditions by mid-week. Confidence is lower for details and timing of frontal precipitation and showers this week.

Headline for Monday 25 Jul 2022: Cloudy with outbreaks of showery rain, heavy at times.

Mountain weather hazards on Monday 25 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Light rain showers	Heavy rain showers	Light rain showers	Dull	Light rain
Precipitation probability					
70%	60%	60%	40%	20%	70%

Forecast for Monday 25 Jul 2022

Weather: Mostly cloudy with outbreaks of showery rain across the Peaks. Cloud breaks developing during the afternoon with sunny spells, particularly in the east. A band of cloud and rain will sink south across the Peaks during the evening, bringing further showers, occasionally heavy. This may merge into a longer period of rain overnight.

Chance of cloud-free hill tops above 600m: 70%, but 30% in the west of the park this morning.

Low cloud and visibility: Broken cloud bases of 400-600m this morning, with lower scraps on some western upslopes. Cloud breaks developing and bases rising by the afternoon to above summits. Visibility poor in heavier rain and showers, perhaps very poor in any drizzly bursts. Visibility improving to very good during the afternoon, with sudden temporary drops in further rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 25 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 SW	20/25 W	24/31 W	23/31 W	17/24 W	13/19 NE	10/15 NE
300	15/21 SW	16/21 W	19/27 W	19/28 W	15/22 W	11/21 N	6/12 NE
Valley	9/19 SW	10/20 W	14/26 W	14/27 W	11/21 W	10/22 N	4/13 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	13/10	13/9	12/9	12/9	10/7	9/7
300	14/11	14/12	15/12	15/11	14/12	12/10	12/11
Valley	14/13	15/14	16/14	16/13	15/13	13/11	12/12
Freezing Level*	2700m	2600m	2600m	2700m	2700m	2600m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cloud bases obscuring summits during the morning giving rise to intermittent navigational challenges. Surfaces likely to turn slippery underfoot given the occasional showers. Appropriate footwear and wet weather gear is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 25 Jul 2022	20.8mm	21.2mm	30.2mm

Forecast for Tuesday 26 Jul 2022

Weather: Rather cloudy start to the morning as the fragmenting rain band clears to the south. Brighter by late morning with sunny spells developing. Some isolated showers developing, but a largely dry afternoon expected. Temperatures around average.

Maximum wind: Westerly 10mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 60% soon becoming 95%.

Low cloud and visibility: Patchy cloud obscuring some peaks bases initially, with bases as low as 500m, though soon lifting well clear of summits with cloud breaks developing. Visibility generally very good, with brief deteriorations in and around any rain or showers.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 19 Celsius.
At 600m: Plus 9 Celsius, becoming Plus 14 Celsius.
Freezing level: Above summits.

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